This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Currently Amended) A steerable catheter comprising:
- an elongated, flexible tubular catheter body having proximal and distal ends and a lumen extending therethrough;
- a tip section at the distal end of the catheter body, the tip section comprising a flexible plastic tubing having at least one off-axis lumen extending therethrough;
 - a control handle at the proximal end of the catheter body;
- a puller wire extending through the off-axis lumen of the tip section and lumen of the catheter body, and having a proximal end anchored to the control handle and a distal end anchored to the tip section, whereby the puller wire is longitudinally moveable relative to the catheter body to cause deflection of the tip section in a plane in a first direction; and

one or more stabilizing features extending longitudinally along at least a portion of the length of the tip section and positioned generally symmetrically about a diameter of the tip section corresponding to the plane in which the tip section is deflectable, the one or more stabilizing features comprising a material that has a higher modulus of elasticity than the plastic of the tip section wherein the tip section tubing comprises a core and an outer layer surrounding the core.

2. (Original) A catheter according to claim 1, wherein the tip section is more flexible than the catheter body.



3. (Original) A catheter according to claim 1, wherein the one or more stabilizing features are generally rigidly in place relative to the tip section.

4. (Canceled)

- 5. (Currently Amended) A catheter according to claim [4] 1, wherein two stabilizing features are provided in the outer layer on opposite sides of the core.
- 6. (Original) A catheter according to claim 5, wherein each stabilizing feature comprises a metal rod.
- 7. (Original) A catheter according to claim 6, wherein the metal rods are coextruded with the outer layer.



- 8. (Original) A catheter according to claim 5, wherein each stabilizing feature comprises a plastic strip.
- 9. (Original) A catheter according to claim 8, wherein the plastic strips are coextruded with the outer layer.
- 10. (Original) A catheter according to claim 5, wherein the tip section further comprises a braided mesh between the outer layer and the core.
- 11. (Original) A catheter according to claim 10, wherein the tip section further comprises an inner layer between the braided mesh and the core.

- 12. (Currently Amended) A catheter according to claim [6] $\underline{1}$, wherein the tip section further comprises a braided mesh between the outer layer and the core.
- 13. (Currently Amended) A catheter according to claim [4] 1, wherein a single stabilizing feature is provided in the core.
- 14. (Currently Amended) A catheter according to claim [4] 1, wherein two stabilizing features are provided in the core.
- 15. (Original) A catheter according to claim 1, having a second off-axis lumen in the tip section and further comprising a second puller wire extending through the second off-axis lumen, the second puller wire having a proximal end anchored to the control handle and a distal end anchored to the tip section, whereby the puller wire is longitudinally moveable relative to the catheter body to cause deflection of the tip section in the plane in a second direction opposite the first direction.
- 16. (Original) A catheter according to claim 15, wherein the tip section is more flexible than the catheter body.
- 17. (Original) A catheter according to claim 15, wherein the one or more stabilizing features are generally rigidly in place relative to the tip section.
 - 18. (Canceled)
- 19. (Currently Amended) A catheter according to claim [18] 15, wherein two stabilizing features are provided in the outer layer on opposite sides of the core.

- 20. (Original) A catheter according to claim 19, wherein each stabilizing feature comprises a metal rod.
- 21. (Original) A catheter according to claim 20, wherein the metal rods are coextruded with the outer layer.
- 22. (Original) A catheter according to claim 19, wherein each stabilizing feature comprises a plastic strip.
- 23. (Original) A catheter according to claim 22, wherein the plastic strips are coextruded with the outer layer.
- 24. (Original) A catheter according to claim 19, wherein the tip section further comprises a braided mesh between the outer layer and the core.
- 25. (Original) A catheter according to claim 24, wherein the tip section further comprises an inner layer between the braided mesh and the core.
- 26. (Currently Amended) A catheter according to claim [20] 15, wherein the tip section further comprises a braided mesh between the outer layer and the core.
- 27. (New) A catheter according to claim 1, wherein the one or more stabilizing features each have a generally round cross-sectional area.
- 28. (New) A catheter according to claim 1, wherein the one or more stabilizing features each have a generally pieshaped cross-sectional area.

- 29. (New) A catheter according to claim 1, wherein the core comprises a first material and the outer layer comprises a second material that is different from the first material.
- 30. (New) A catheter according to claim 1, wherein the core comprises a substantially solid material.
 - 31. (New) A steerable catheter comprising:

an elongated, flexible tubular catheter body having proximal and distal ends and a lumen extending therethrough;

a tip section at the distal end of the catheter body, the tip section comprising a flexible plastic tubing having at least one off-axis lumen extending therethrough;

a control handle at the proximal end of the catheter body;

a puller wire extending through the off-axis lumen of the tip section and lumen of the catheter body, and having a proximal end anchored to the control handle and a distal end anchored to the tip section, whereby the puller wire is longitudinally moveable relative to the catheter body to cause deflection of the tip section in a plane in a first direction; and

one or more stabilizing features extending longitudinally along at least a portion of the length of the tip section and positioned generally symmetrically about a diameter of the tip section corresponding to the plane in which the tip section is deflectable, the one or more stabilizing features comprising a material that has a higher modulus of elasticity than the plastic of the tip section, wherein the one or more stabilizing features extend through the longitudinal axis of the tip section.